APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

61-20834

Gromov, V. S.
THE INFLUENCE OF SOME SALTS UPON THE PROCESS OF WOOD DELIGNIFICATION (K Voprosu o Vliyanii Nekotorykh Solei na Protsessy Delignifikatsii Drevesiny). [1961] [29]p. (foreign text included) 11 refs.
Order from OTS or SLA $2.60 61-20834

Trans. of Akad[emiya] Nauk Latv[iiskoi] SSR. Riga. Institut Lesokhoz[yaistvennykh] Problem i Khimii Drevesiny. [Trudy] 1959, v. 17, p. 105-114.

DESCRIPTORS: *Wood, *Lignin, Carbohydrates, Solubility, Salts, Cellulose, Separation.

The addition of Na_2SO_4 to the hydrotropic solution (that is a concentrated solution of Na xylenesulfonate) causes a slowing down of the hydrolytic processes in the hydrotropic pulping and some deceleration of the process of delignification. Yet the introduction of Na_2SC_4 in amounts of up to 3.5 by weight of the original wood
(Material--Wood, TT, v. 9, no. 11) (over)

1. Gromov, V. S.
SLA TT64-10585

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

Semechkina, A. F. and Shorygina, N. N.
THE STRUCTURE OF LIGNIN. Dec 62 [5]p. 17 refs.
FPRB Trans. No. 156.
Order from NRCC NRCC C-4462

Trans. of [Akademiya Nauk Latvilskoi SSR, Riga, Institut Lesokhozyaistvennykh Problem i Khimii Drevesiny: Trudy] 1960, v. 19, p. 85-70.

DESCRIPTORS: *Lignin, Decomposition, Sodium compounds, Ammonia, Phenols, Chemical analysis, Paper chromatography, *Molecular structure, Chemical bonds, Stereochemistry.

(Chemistry--Organic, TT, v. 10, no. 6)

63-17844

I. Semechkina, A. F.
II. Shorygina, N. N.
III. FPRB Trans-156
IV. NRCC C-4462
V. Forest Products Research Branch (Canada)
VI. Bureau of Translations (Canada)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

Preservative Properties of Lignosulphonic Acids, by A. Kalnin'sh, N. Murashtchenko,

RUSSIAN, Trudy, Ak Nauk SSR, Inst Lesokh I Khim Drev, Vol XIX, pp 201-206, 1960.

CSIRO/No 5071

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Sci-Chem
May 65

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

Material concerning the Problem of Variation in the Enteric Bacillus, by P. N. Kashkin, A. M. Bezborodov, K. M. Zhukina, M. G. Proskuriakova, A. L. Slutko.

RUSSIAN, per, Trudy Ak Nauk Latviiskoi SSR. Inst. Mikrobiologii, No 5, 1956, pp 27-45. CIA 9035535

UMDA

Sci - Medicine
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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

Variation in Culture of Alcaligenes Faecalis Under the Influence of Antibiotics, by A. P. Kaudsin.

RZHBIAN, per, Trudy Ak Nauk Latviiskoi SSR. Inst. Mikrobiologii, No 5, 1956, pp 47-55. CIA 9035526

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Sci - Biology
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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

Minerals Soluble With Difficulty and Organic Substances as a Source of Nutrition for Mycorhizsi Fungi, by A. K. Eglite.

RUSSIAN, per, Trudy Ak Nauk Latviyskoy SSR Inst Mikrobiol, Vol VII, 1958, pp 67-75.

*PL 480
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Sci - Ent.
Apr 61

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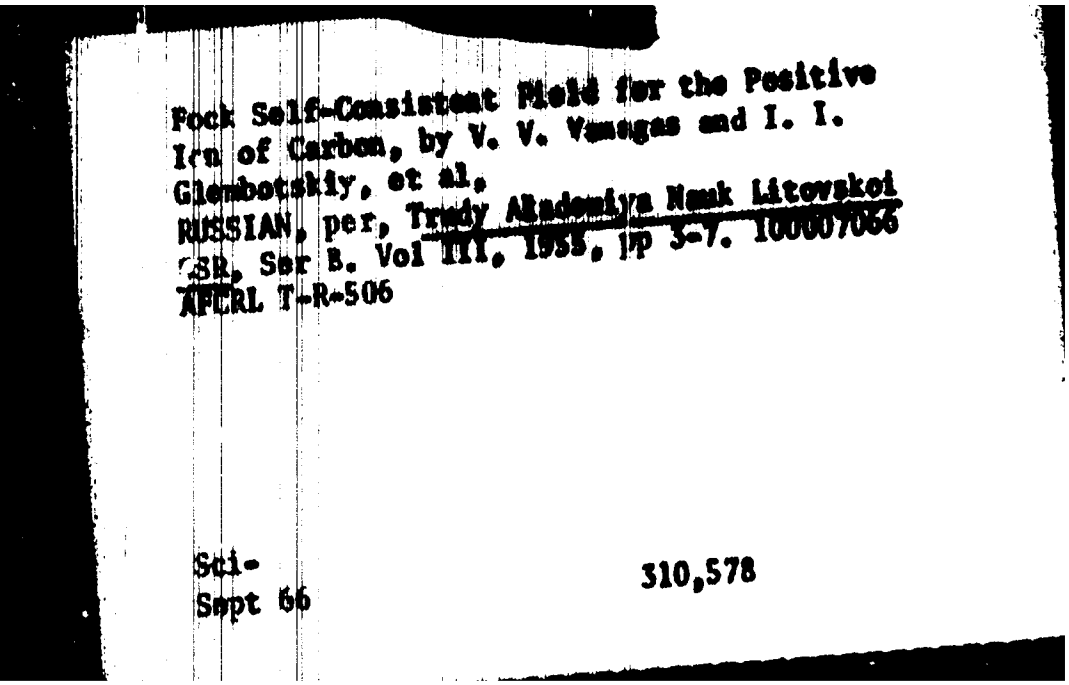

Fock Self-Consistent Field for the Positive Ion of Carbon, by V. V. Vanagas and I. I. Glembotskiy, et al.
RUSSIAN, per, Trudy Akademiya Nauk Litovskoi SSR, Ser B. Vol III, 1955, pp 3-7. 100007066
AFCRL T-R-506

Sci-
Sept 66

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The Three-Configuration Approximation for Beryllium-Type Atoms, by I. V. Betarumas, V. I. Kovetskie, A. P. Yutsis, 9 pp.

RUSSIAN, per, Trudy Ak Nauk Litovskoy, Ser. B., Vol III, 1955, pp 9-16.

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Air Cambridge Res Center

Rec AD-251867

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Sci - Geophysics
Jan 61

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

Theoretical Determination of the Fine Structure of Boron-Type Atoms, by I. I. Glembotskiy, I. T. Martishins, A. E. Bolotin, A. P. Kutsis, 4 pp.

RUSSIAN, per, Trudy Ak Nauk Litovskoy SSR, Ser B, No 2, 1956, pp 15-19. 9658738

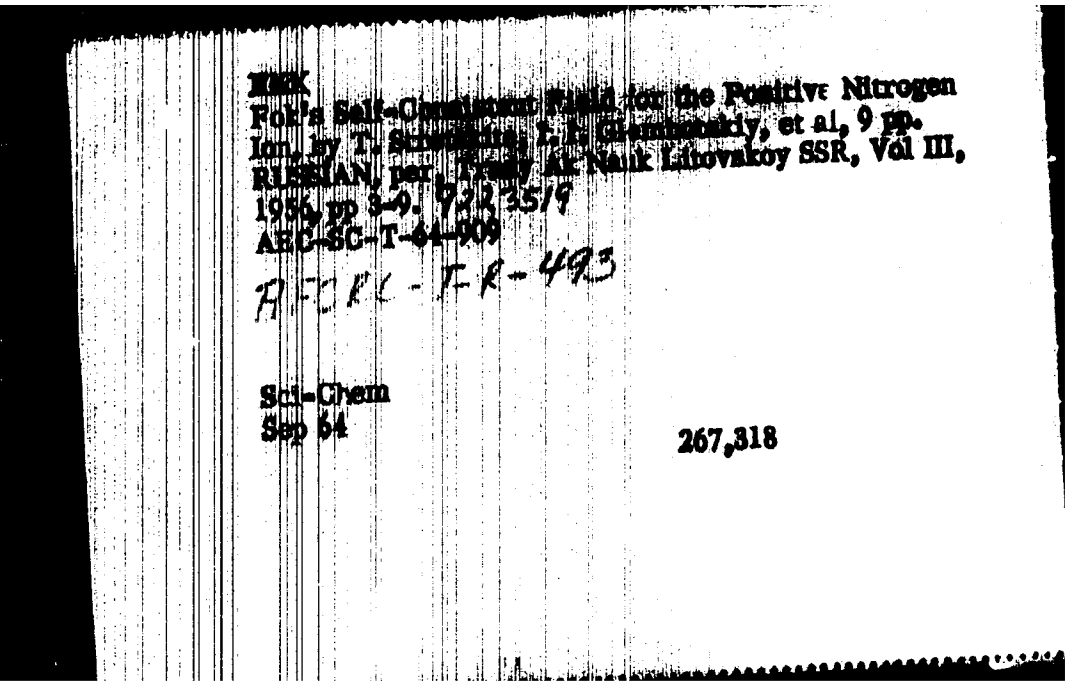
Amer Meteorol Soc
AF Cambridge Res Center
T-R-117
AEC AD-251 869

Sci - Physics
Mar 61

141,651

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6



XXK
Fok's Self-Consistent Field for the Positive Nitrogen Ion, by T. Schweitzer, I. G. Chemobrovkiy, et al, 9 pp.
RUSSIAN, per [illegible] Ak Nauk Litovskoy SSR, Vol III, 1958, pp 3-9. 9213519
AEC-SC-T-64-909

RFCFC-F-R-493

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Sep 64

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

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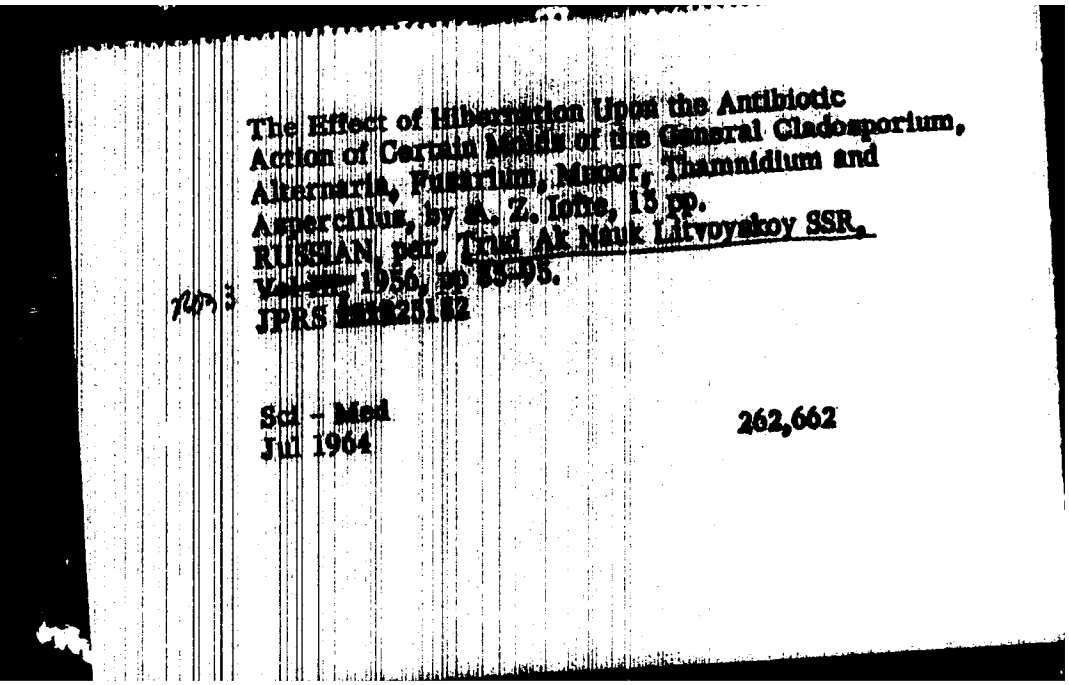

The Effect of Hibernation Upon the Antibiotic Action of Certain Molds of the General Cladosporium, Alternaria, Fusarium, Mucor, Thamnidium and Aspergillus, by A. Z. Ionis, 15 pp.
RUSSIAN, pen, Trud Ak Nauk Latvoyskoy SSR, Vol 3, 1956, pp 83-95.
JPRS [illegible]

Sci - Med
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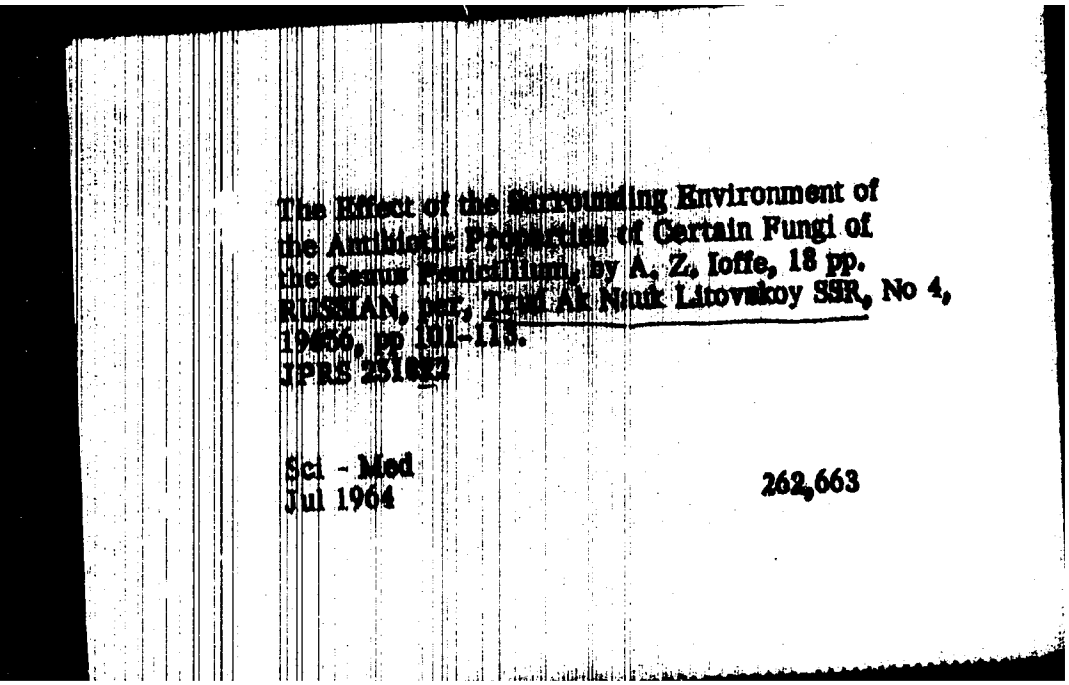
APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6



The Effect of the Surrounding Environment of the Antibiotic Properties of Certain Fungi of the Genus Penicillium, by A. Z. Ioffe, 18 pp. RUSSIAN, Per, Trudy Ak Nauk Litovskoy SSR, No 4, 1956, pp 101-113. JPRS 23182

Sci - Med
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Multiconfiguration Approximation for Atomic Species of Lithium Type,
RUSSIAN, per, Trudy Akademiya Nauk Litovskoi SSR, Ser B. Vol II, No 5, 1956, pp 3-10.
100007066
APCRL T-R-491

Sci-
Sept 66

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

Hartree Self-Consistent Field in the Two-Configuration Approximation for the Two Lowest Configurations of the Carbon Atom,
RUSSIAN, per, Trudy Akademiya Nauk Litovskoi SSR, Ser B. Vol IV, No 7, 1956, pp 3-14.
TD00007066
AFCRL t-R-494

Sci-
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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

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Fock Self-Consistent Field in the Two-Configuration Approximation for Nitrogen in Various Degrees of Ionization, by In. I. Vizbaraite and I. V. Batarunas, et al,
RUSSIAN, per, Trudy Akademiya Nauk Litovskoi SSR, Ser B. Vol VI, No 8, 1956, pp 3-10.
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APCRL T-R-496

Sci-
Sept 66

310,565

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Fock Self-Consistent Field for Doubly Ionized Nitrogen, by I. I. Glembotskiy and T. D. Strotskite, et al,
RUSSIAN, per, Trudy Akademiya Nauk Litovskie SSR, Ser B, Vol II, No 5, 1956, pp 11-14.
1000007066
AFCRL T-R-492

Sci-
Spot 66

310,563

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On the Problem of Lustrous Copper Electroplating From Sulfuric Acid Solutions, by Yu. Yu. Matulis, L. Yu. Valentelis, 27 pp.

SERIAN, per, Ak Nauk Litovskoy SSR, Vilna. Trudy, Seriya B, 1957, No 3(11) pp 17-28.

SLA 59-10466

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Vol 2, No 3

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Simplifying the Fock Equations, by I. I. Glembotskiy and V. K. Shugurov, et al,
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I60007066
AFCRL T-R-497

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Sept 66

310,366

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Fock Self-consistent Field in the Two-Configuration Approximation for the First Excited Configuration of Boron, by A. P. Iutsis and V. V. Kibartas, et al,
RUSSIAN, per, Trudy Akademiya Nauk Litovskoi SSR, Ser B. Vol IV, No 12, 1957, pp 33-38.
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APCRL T-1-498

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

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A Refined Method of Calculation for an Excited Positive Ion of Carbon, by I.I. Glembotskiy and E. V. Manuza, et al.
RUSSIAN, per. Trudy Akademiya Nauk Litovskoi SSR, Ser B. Vol IV, No 12, 1957, pp 39-46.
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Sci-
Sept 66

310,6568

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

The Self-Consistent Fock Field in Three-Configuration Approximation for the Negative Lithium Ion, by T. D. Stroteskite, A. P. Yutsis, 9 PP.

RUSSIAN, per, Trudy Ak Nauk Litovskoi SSR, Ser B, No 1, 1958, PP 11-19. CIA 9659750

Amer Meteor Soc
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Field, Bedford, Mass

AEC AD-251872

Sci - Physics
Mar 61

141, 296

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

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The Multi-Configuration Approximation and Its Further Development, by A. P. [redacted] Yutsis, 15 pp.

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Sci - Physics
Mar 61

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T-B-238

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The Self-Consistent Fock Field in Multi-Configuration Approximation for the Negative Sodium Ion, by T. D. Strotskite, A. P. Yutsis, 9 pp.

RUSSIAN, pub, Trudy Ak Nauk Litovskoy SSR, Ser B, No 2, 1958, pp 17-24. CIA 9550/56

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1-3-525

Sci - Physics
Mar 61

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

Reduction of Direct Representation of the Proper Homogeneous Lorentz Group, by I. B. Levinson, A. P. Yutsis, 14 pp.

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Amer Meteor Soc
AF Res Div, L. G. Hanscom
Field, Bedford Mass

Sci - Physics
Mar 61

141, 238

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

Brazdziumas, P. P., Sirvaitis, A. I., and Aleksejunas, B. K.
PHOTOCONDUCTIVITY OF CADMIUM SELENIDE AND TELLURIDE POLYCRYSTALS. [1961] 17p.
20 refs.
Order from OTS or SLA $1.60 61-20068

Trans. of [Akademiya Nauk Litovskoi SSR, Vilna. Trudy]. Seriya B, 1958, no. 4(16) p. 17-29.

DESCRIPTORS: *Photoconductivity, *Cadmium compounds, *Selenides, Sensitivity, X-rays, Determination, *Tellurides, *Crystals, Photoelectric effect, Photoelectric materials.

Optimum conditions of the sensitivity within the visible and X-ray spectral regions of photoresistors made from CdSe and CdTe were determined. When the temperature for heating in air atmosphere is increased
(Physics--Solid State, TT, v. 7, no. 7) (over)

61-20068

I. Brazdziumas, P. P.
II. Sirvaitis, A. I.
III. Aleksejunas, B. K.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

PERIODIC OSCILLATIONS OF THE CATHODE POTENTIAL OF ZINC IN ZINCATE ELECTROLYTES, BY O. K. GAL'DIKENE, YU. YU. MATULIS.

RUSSIAN, PER, TRUDY AK NAUK LITOVSKOI SSR: SER B, VOL IV, 1958, PP 53-68.

NLL RTS 2108

SCI - CHEM

OCT 62

214,803

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Character of Periodic Fluctuations in the Electrolytic Reduction of Chromic Acid, by M. A. Mitskus, Y. Y. Matulis.

RUSSIAN, per, Trudy Ak Nauk Litovskoy/Seriya B, Vol IV, No 16, pp 71-80, 1958.

MRS 2109

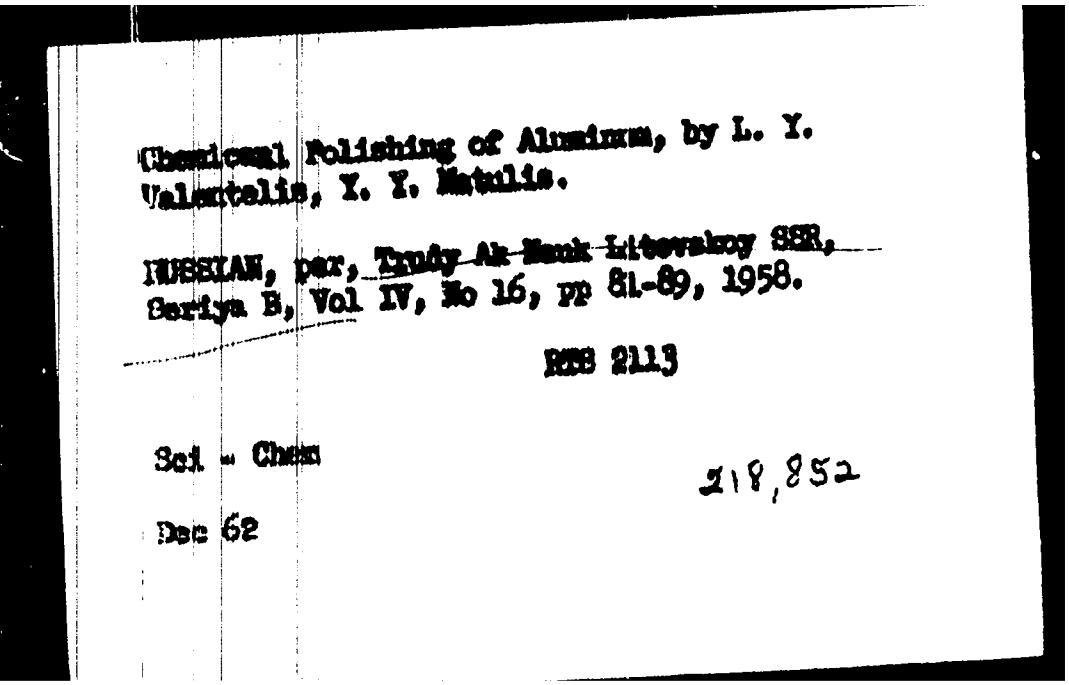
Sci - Chem

218,851

Dec 62

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6



Chemical Polishing of Aluminum, by L. Y. Valantelis, Y. Y. Matulis.

RUSSIAN, per, Trudy Ak Nauk Litovskoy SSR, Seriya B, Vol IV, No 16, pp 81-89, 1958.

RRB 2113

Sci - Chem

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Theoretical Determination of the Magnetic Susceptibility of Light Atoms, by E. V. Mauza, Ya. I. Vizbaraite, 16 pp. RUSSIAN, per, Trudy Ak Nauk Litovskoi SSR, Ser B, 2(18), 1959, pp 41-51. PI00027267 AFCRL [illegible]

Sci - Phts
Mar 67

320,077

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

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Fock Self-Consistent Field in the Multiconfiguration Approximation for the Negative Ion of Potassium, by T. D. Strotskite and A. P. Jutsis,
RUSSIAN, per, Trudy Akademiya Nauk Litovskoi SSR, Ser B. Vol III, No 19, 1959, pp 5-10.
I00007066
APGRL T-R-500

Sci-
Sept 66

310,569

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

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Influence of Low Temperature on the Activities of the Normal and Denervated Mammary Gland, by G. A. Tsakhayev.

RUSSIAN, per, Trudy Ak Nauk Litovskoy SSR, Kniga Biol, 1959, pp 57-62.

MLL RTS 2085

Bul - Biol

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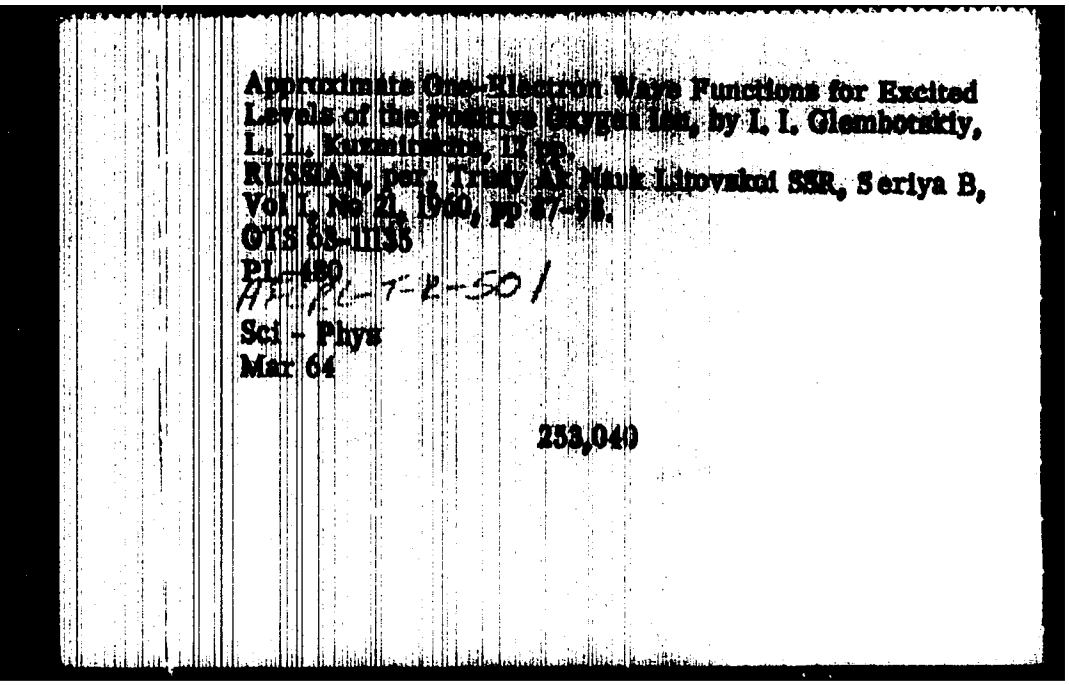

Approximate One-Electron Wave Functions for Excited Levels of the Positive Oxygen Ion, by I. I. Glembotskiy, L. I. Kurmaliyeva, 11 pp
RUSSIAN, Per. Trudy Ak Nauk Litovskoi SSR, Seriya B, Vol I, No 2, 1960, pp 87-93.
OTS 63-11135
PL-480
AT: PR-7-2-501
Sci - Phys
Mar 64

253,049

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

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Atomic Transition Probabilities, by I. I. Glembotskiy, L. L. Kuzitskite.

RUSSIAN, per, Trudy Ak Nauk Litovskoi SSR, Vilna, No 1, 1960, pp 87-92.

*PL-480

Sci
Jul 63

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

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Improvement in the Theoretical Determination of the Fine Structure of Terms of Atomic Species of Boron, carbon and Nitrogen Type, by A. P. Jutsis, R. S. Dagis.
RUSSIAN, per, Trudy AN Litovsk SSR, Ser B, Vol 1, No 21, 1960, pp 59-70.
NLL Ref: 9021.7 (27)

Sci.-Chem
Oct 69

395,162

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

On the Calculation of Line Strengths and the Selection Rules in the CAse of Different Vector Couplings, by Ya. I. Vizbarayte, Z. B. Rudzikas, et al.

RUSSIAN, per: JPRS Ak Nauk Lit SSR, Vysshiye Uchebnyye Zavedeniya Litovskoy SSR, Litovskiy Fizicheskiy Sbornik, Vil'nyus, 1961, Vol. I, No 1/2, pp 21-32.

*FTD-MT-64-353

Dci - Phys
Dept 64

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

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Improvement in the Theoretical Determination of the Fine Structure of Terms of Atomic Species of Boron, Carbon, and Nitrogen Type, by A. P. Lutsis, R. S. Dagis.
RUSSIAN, per. Trudy, Akademiia Nauk Litovskoi, SSR, Vol 1, No 21, 1960, pp 59-70.
Tr No 27, Oct 1968
AIR/AFCRL/68-0567

Sci-Phys
Feb 69

373,727

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

The Use of Fock Equations Independent of Type Coupling, by A. P. Iutsis and Ia. I. Vizbaraite, RUSSIAN, per, Trudy Akademiya Nauk Litovskoi SSR, Ser B. Vol I, No24, 1961, pp 65-75.
AFCRL T-R-477

Sci-
Sept 66

310,548

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

The Catalytic Decomposition of Chlorites. II. Decomposition of Sodium Chlorate in the Presence of Nickel and Cobalt Hydro0 oxides, by A. Prokopchzhik.
RUSSIAN, per, Trudy Akad Nauk LitSSR, Ser B, Vol 1, No 24, 1961, pp 133-143.
*NASA TT F-12,206

Sci-Chem
Mar 69

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

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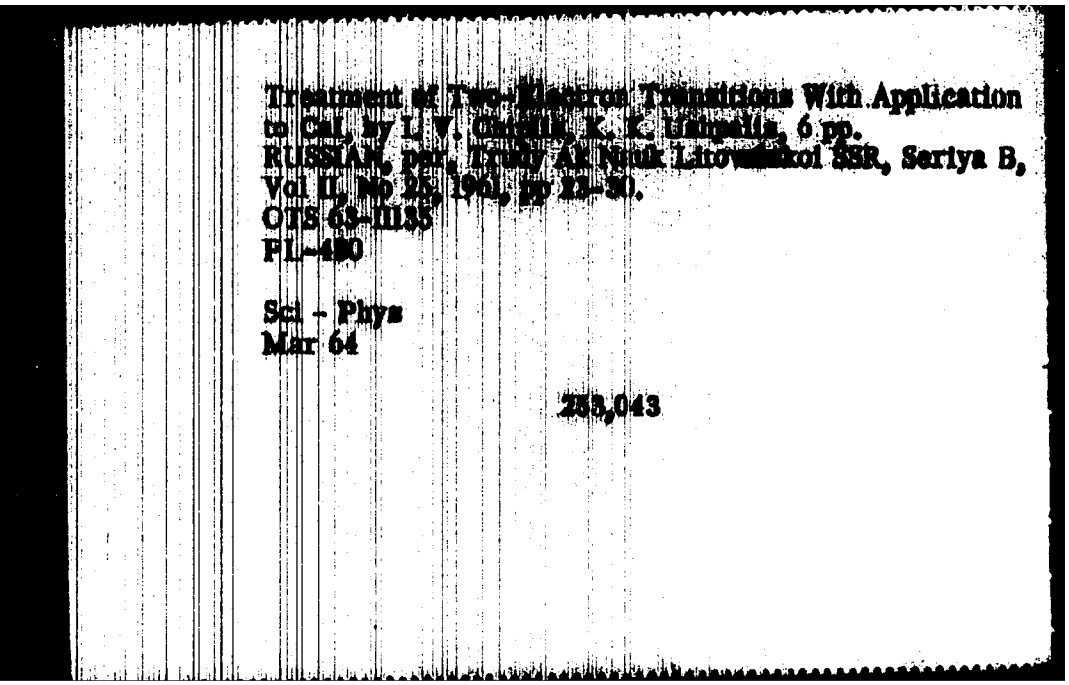

Treatment of Two-Electron Transitions With Application to CaI, by L.V. Gutsev, K. K. Urbanelis, 6 pp. RUSSIAN, per. Trudy AN Nauk Litovskoi SSR, Seriya B, Vol II, No 25, 1961, pp 21-30. OTS 63-11135 PL-480

Sci - Phys Mar 64

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

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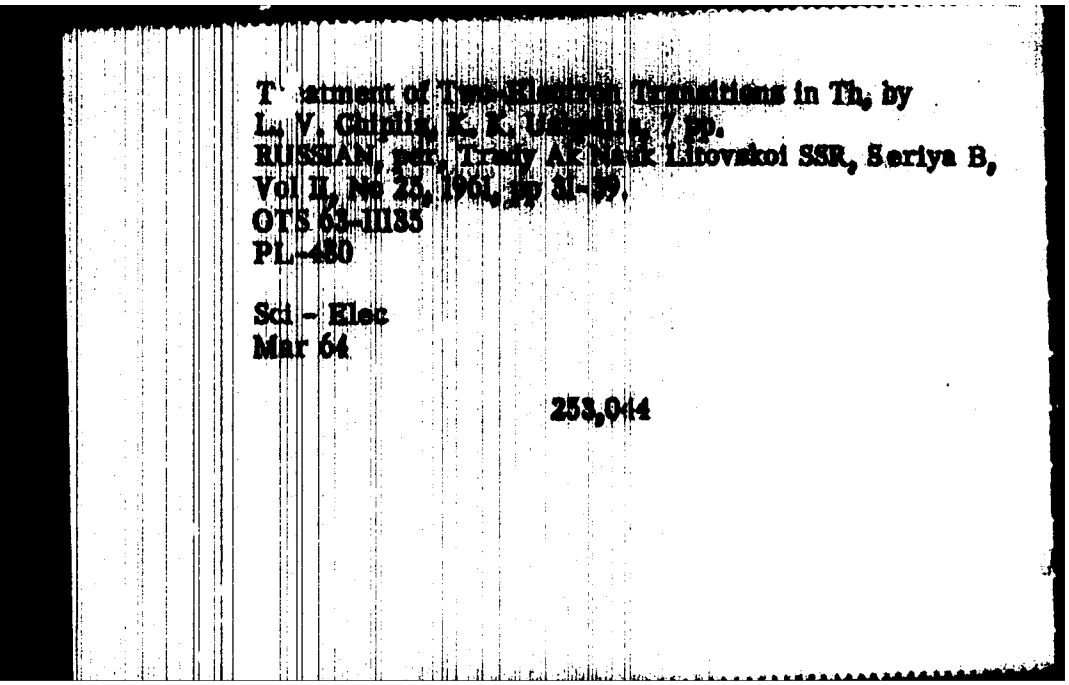

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OTS 63-11135
PL-480

Sci - Elec
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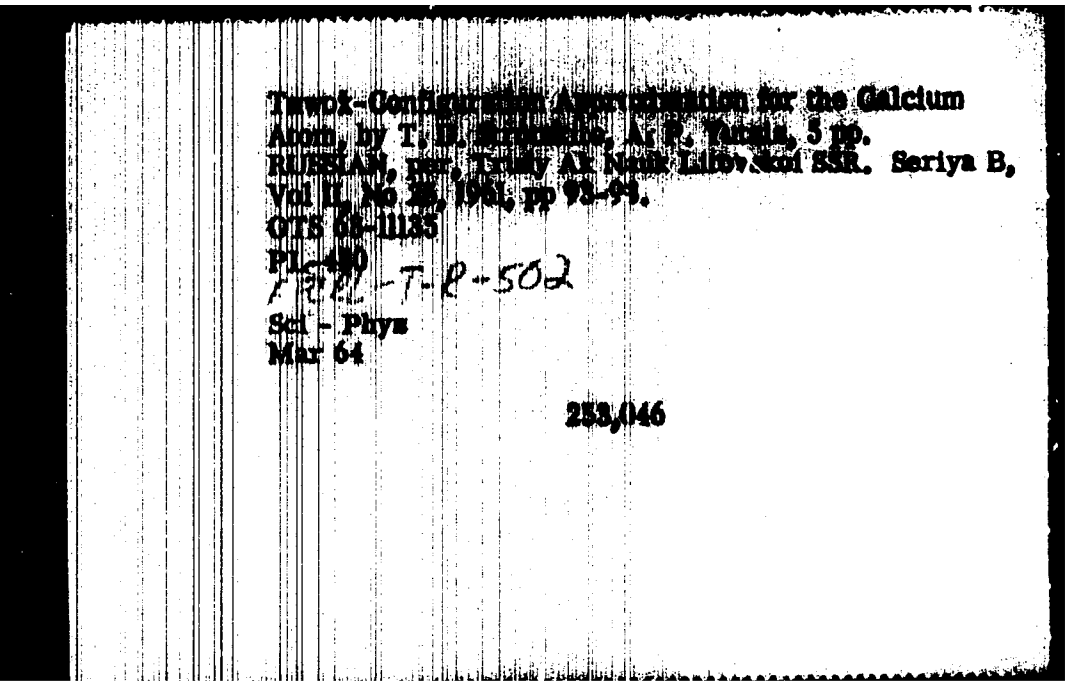

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OTS 63-11135
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Sci - Phys
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(SF-1878)

NEWS OF LITHUANIAN SCIENCE, BY S. MAL'DZHYUNATE, 17 PP.

RUSSIAN, PER, TRUDY AK NAUK LITOVSKOY SSSR, SER C, NO 1 (24), 1961, PP 239-249.

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(SF-1378)

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JPRS 4946

Sci - Phys/Engr.

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NLL Ref 8036.625 (211)

Sci-Agri
July 69m

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The Mathematical Problem of the Multiconfiguration Approximation, by A. P. Iutsis and Ia. I. Vizbaraite,
RUSSIAN, per. Trudy Akademiya Nauk Litovskoi SSR, Ser B. Vol III, No 26, 1961, pp 3-10.
100907066
AFCRL T-R-503

Sci-
Sept 66 310,570

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The Forms of the Equations of the Self-Consistent Field, by A. P. Lutsis and Ia. I. Vizbaraite,
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AFCRL T-R-470

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

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AFCRL T-R-505

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Sept 66 310,577

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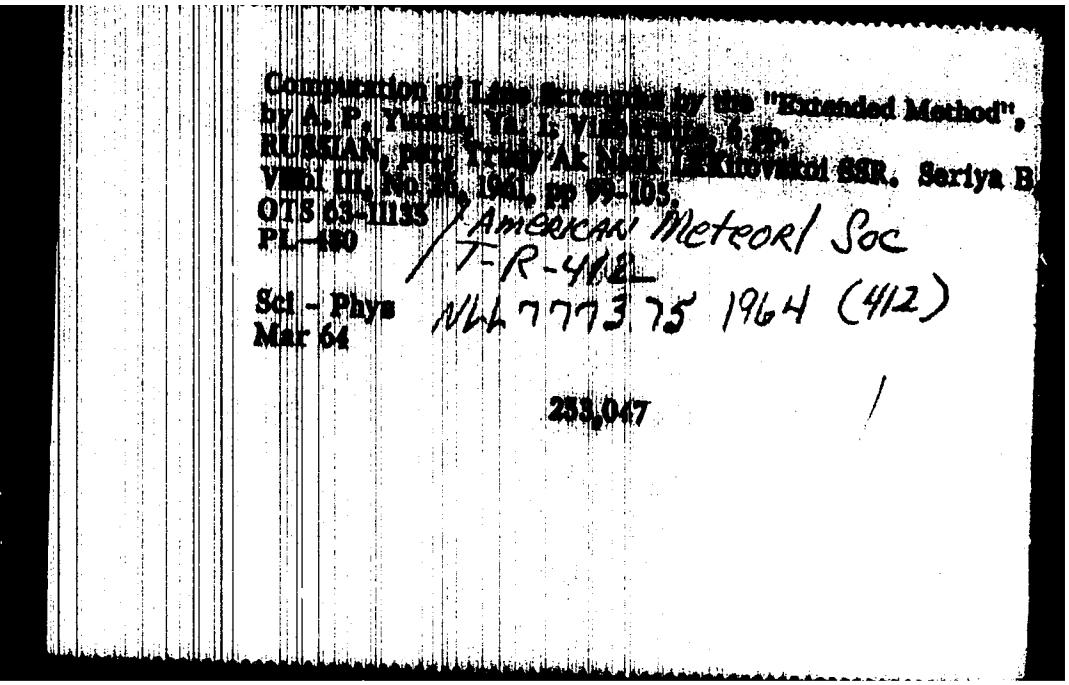

Comparison of Lidar Records by the "Extended Method",
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OTS 63-11135
PL-180
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NNL 7773 75 1964 (412)

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Energy Levels and Isotope Shifts of Terms for Excited States of Atomic Species of Helium Type, by A. I. Kantseriavichius, 23 ppv RUSSIAN, per, Trudy Ak Nauk Lit SSR, Ser B, Vol III, No 26, 1961, pp 107-124.
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Sci - Nucl Sci
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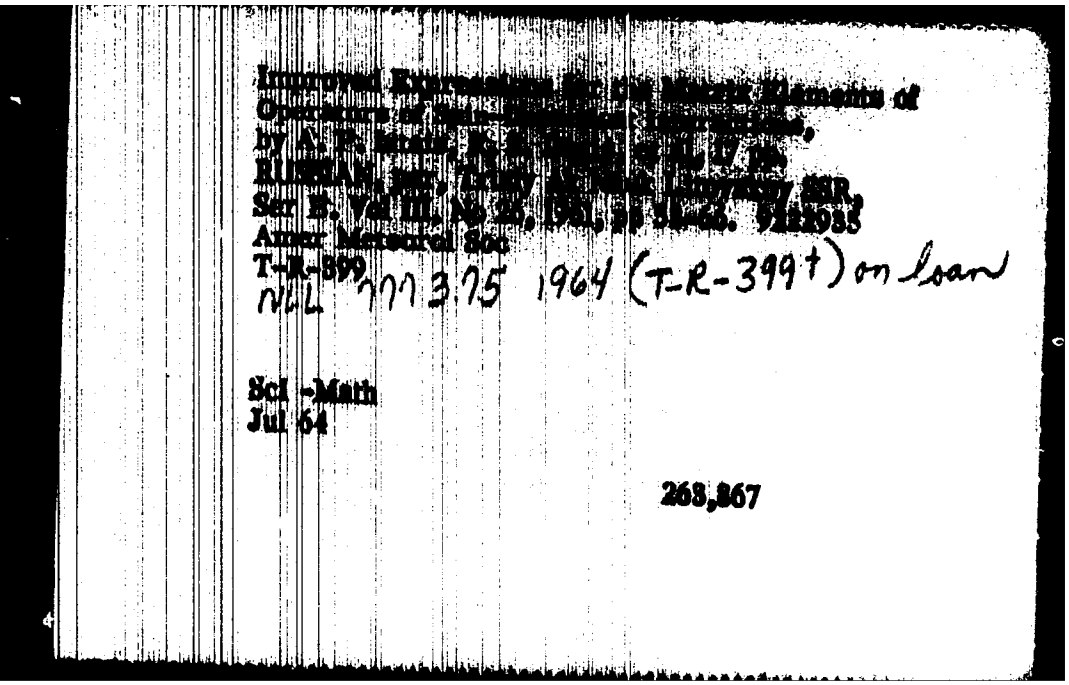

Annotated Experiments in Optics, Atomic Elements of Optics, Spectroscopy
by A. P. Shcherbakov, K. [illegible]
Russian Book Agency, Moscow, USSR,
Ser. B. Vol. III, No. 2, [illegible]. 1933
Amer Meteorol Soc
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Sci -Math
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Application of the Generalized Method of Calculation of the Determination of Lines Strength, by A. P. Mutsalis, Ya. I. Vizbaraite, bff.

RUSSIAN, per, Trudy Akad Nauk Litovskoi SSR Seriya B, Vol III, No 26, 1961, pp 99-104.

OTS 63-11135
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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

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Investigation of Heat Transfer and Head Loss in a Staggered-tube Bank at Re numbers Up to 1.2. 10 , by A. Slanciauskas and A. Zurkauskas. RUSSIAN, per, Trudy Akad Nauk Litovskoi SSSR. Series B, 1961, Vol 4, No 27, pp 197-200.
MLL RTS 2363 (On Loan or Pruchase)
CFSTI TT 64-23608

Aug 65 288,042

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

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Aerodynamic Resistance of Smooth-Pipe Staggered Bundles in a Cross Flow of Air at High Re Numbers, by
Yu. K. Stasyulyavichyus, P. S. Samoshka,
8 pp.
RUSSIAN, per, Trudy Seriya B AN LITSSR,
No 4, 1963, pp 83-88. 96?8673
FTD-TT-64-1152

Sci&AeroSpace
Nov 65 291,467

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

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Sci-USSR
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Dependence of Certain Properties of Polystyrene, Polymethyl Methacrylate and their Copolymer on the Molecular Weight, by I. I. Karyauchyunas, R. I. Zhemis, 18 pp.
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AEC/SCL-Tr-253-69
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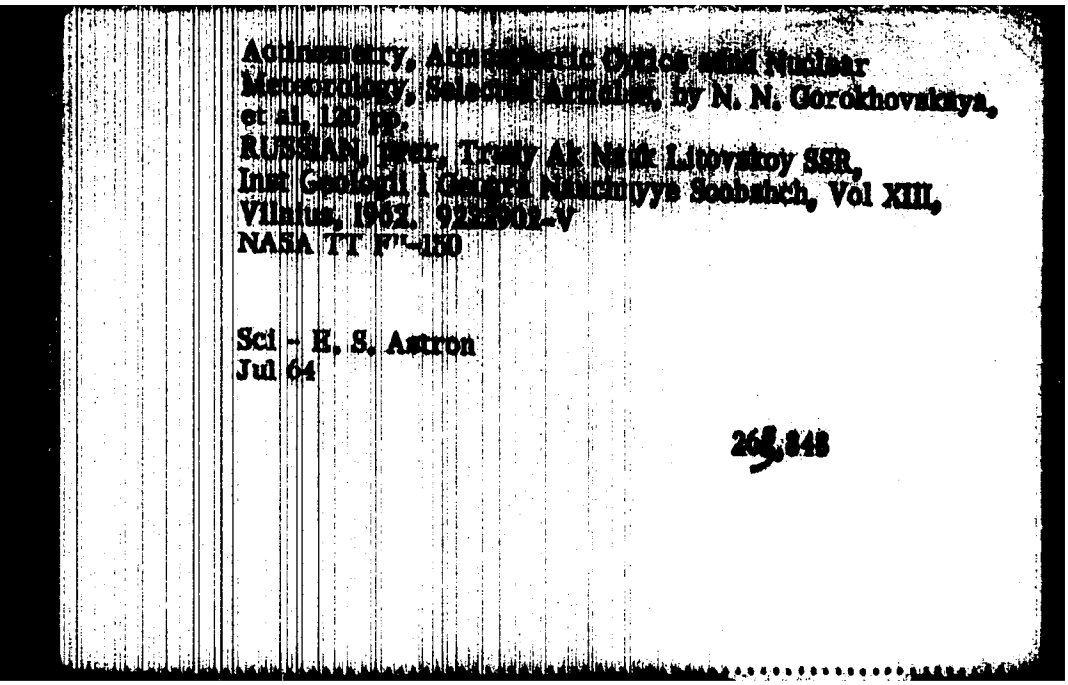

Astronomy, Atmospheric Optics and Nuclear Meteorology, Selected Articles, by N. N. Gorokhovskaya, et al. 120 pp.
RUSSIAN, Trudy Ak Nauk Litovskoy SSR, Inst Geofizi i Geofiz Nablyudeniye Soobshch, Vol XIII, Vilnius, 1963. 92p 50k 2v
NASA TT F-150

Sci - E, S, Astron
Jul 64

26p,84s

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Luyanas, V. I.
ON THE PROBLEM OF TRITIUM ORIGIN IN THE ATMOSPHERE, [31 Jul 63] 8p 13refs
Order from OTS or SLA $1.10 63-20129

Trans. from [Akademiya Nauk Litovskoi SSR, Vilna. Trudy, Seriya] B, 1963, no. 1(32).

DESCRIPTORS: *Atmosphere, *Tritium cosmic rays, Fast neutrons, Protons, *Hydrogen, Radioactivation analysis, Labeled substances.

The calculation of formation of the radioactive isotope of hydrogen tritium in the atmosphere under the action of cosmic rays is given. With the energy spectrum of "evaporation" neutrons: $N(E)dE = kEe^{-E}dE$ and the spectrum of "fast" neutrons: $N(E)dE = zE^{-2}e^{-160E^{-2}}dE$ the maximum possibility of tritium production by the

(Earth Sciences--Atmosphere, TT, v. 10, no. 11)

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63-20129

I. Luyanas, V. I.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

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Optimal Control Problem for a Complex of Devices, by Yu. A. Rozanov,
RUSSIAN, per, Trudy Ak Nauk Matematicheskiy Institut, No 71, 1964, pp 88-101.
*FTD-HT-67-41

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A New Mineral of the Brittle Mica Group, by A. I. Ginzburg, 10 pp.

RUSSIAN, per, Trudy Mineralog, Muzeya Akad Nauk SSSR, Vol VII, 1955, p 70-75.

SLA # 1601

Sci

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An Attempt at Study of Inclusions in Minerals of Murzinka (Ural) Pegmatites, by V. V. Yakubova, 54 pp.

RUSSIAN, per, Trudy Mineral Museia Ak Nauk SSSR, Vol VII, 1955, pp 132-150.

SLA R-1222

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Beus, A. A.
CONCERNING BERYLLIUM IDOCRASE (O Berilliyevom Vezuviane) tr. by W. John Cielewicz. 1960 [8]p. 7 refs.
Order from OTS o: SLA $1.10 61-19235

Trans. of A[kadem-ya] N[auk] SSSR. Mineralogich[eskiy] Muzey. Trudy, 1957, v. 8, p. 25-28.

DESCRIPTORS: *Minerals, *Beryllium compounds, Beryllium, Chemical analysis, Geological survey, *Idocrase.

A mathematical analysis of data on beryllium-bearing idocrase samples gave the formula
$Ca_8(Al, Fe, Mg)_6[(Si, Be)_9(O, F, OH)_{34}]$.

(Earth Sciences--Mineralogy, TT, v. 6, no. 3)

61-19235

I. Beus, A. A.
II. Geological Survey, Denver, Colo.

17825

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100100019-6

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Concerning Variations of Mineral Composition in Contact Zone of Spodumene Pegmatites With Basic Rocks on Kola Peninsula, by I. V. Ginzburg.

RUSSIAN, per, Trudy Ak Nauk USSR, Mineralog, Muzeia, Vypusk, No 8, 1957, pp 61-76.

Dept of Interior
QE3 R57 No 63

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Sci - Geophys

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Bityite - Lithium-Beryllium Margarite, by
A. I. Ginzburg, 7 pp.

RUSSIAN, per, Trudy Ak Nauk SSSR, Mineralogich,
Muzeia, Vol VIII, 1957, pp 128-131.

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Sci - Chem

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Labuntsov, A. N.
CONCERNING THE CRYSTALLOGRAPHY OF EPIDIDYMITE (K Kristallografii Epididimita) tr. by W. John Cieslewicz. 1960. 5p. (5 figs. omitted) 3 refs. Order from OTS or SLA $1.10 61-19239

Trans. of Akademiya Nauk SSSR, Mineralogich-eskiy Muzey, Trudy, 1957, v. 8, p. 164-167.

DESCRIPTORS: *Crystallization, *Epididymite, Minerals, Crystal structure, Crystals.

(Physics--Solid State, TT, v. 6, no. 2)

61-19239

I. Labuntsov, A. N.
II. Geological Survey, Denver, Colo.

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61-19238

Timchenko, T. I.
PROCESSES OF ALTERATION OF BERYL IN PEGMATITES OF EASTERN TRANS-BAIKAL. (Protessy Izmeneniia Berilla v Pegmatitakh Vostochnogo Zabaykal'ya) tr. by Ivan Mittin. 1960 [20]p. 7 refs. Order from OTS or SLA $1.60 61-19238

I. Timchenko, T. I.
II. Geological Survey, Denver, Colo.

Trans. of Akademiya Nauk SSSR. Mineralogicheskiy Muzey. (Trudy) 1959, v. 9, p. 138-145.

DESCRIPTORS: *Pegmatites, *Minerals, *Beryl, Crystals, Geological survey.

Observations are described that were made of the formation of bertrandite and fine scaly muscovite on beryl, and the replacement of beryl by an aggregate of potash feldspar of the orthoclase type and by phenacite. Both processes are shown to be the result of recent hydrothermal activity.

Office of Technical Services

(Earth Sciences--Mineralogy, TT, v. 6, no. 3)

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Low-Temperature Phenacite From Granite Pegmatites of the Altai, by N. Z. Zalashkova, T. A. Yakovlevskaya.

RUSSIAN, per, Trudy Mineralogicheskogo Muzeia Akademii Nauk SSSR, No 9, 1959, pp 172-175.

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Denver, Col

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Sci - Min/met

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TT-63-20639

Evanov, R. N.
THE INFLUENCE OF THE SHORE ON THE DIRECTION OF WIND SURFACE CURRENTS. [1963] 22p 5refs
Order from OTS, SLA, or ETC $2.60 TT-63-20639

Trans. of Akademiya Nauk SSSR. Morskii Gidrofizicheskii Institut. Trudy, 1957, v. 11, p. 84-96.

DESCRIPTORS: *Ocean currents, Beaches, Wind, Measurement, Oceanology.

(Earth Sciences--Oceanography, TT, v. 11, no. 10)

1. Evanov, R. N.

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Timofeeva, V. A.
APPARATUS FOR DETERMINATION OF THE COEFFICIENT OF ATTENUATION OF DIRECTED LIGHT IN THE SEA (Pribor dlya Opredeleniya Koeffitsienta Oslableniya Napravlennogo Sveta v More). 1964. 6p drwgs PL-480 ltr.
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Trans. of Akademiya Nauk SSSR. Morskoi Gidrofizicheskii Institut. Trudy. 1960, v. 20, p. 100-105.

(Earth Sciences--Oceanography, TT, v. 12, no. 4)

TT-63-11107 (p. 31-36)

I. Timofeeva, V. A.
II. PL-480 ltr (TT-63-11107) p. 31-36
III. National Science Foundation, Washington, D. C.

Office of Technical Services

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Yearly Fluctuations in the Food of Haddock off the Murman Coast, by E. Ya. Tseeb. RUSSIAN, per, Tr Ak Nauk SSSR, Mrumansk Morsk Biol Inst, Vol II, No 6, 1960, pp 186-202. CFSTI TT-63-11124

Sci - Biol
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Effectiveness of Fertilizers Placed under Cotton in Relation to Dynamics of Soil Fertility Elements in the Crop Rotation, by V. A. Misemskaye, 4 pp.

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SLA R-2317

Sci

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Magnetic Effect of Meteors, by A. G. Kalashnikov,
33 pp.

RUSSIAN, per, Trudy Ak Nauk SSSR, No 6, 1952.

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Sci - Geophysics
Nov 58

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On the Problem of Orienting the Growth of Diamagnetic and Paramagnetic Crystals by Means of a Magnetic Field, by I. I. Iazmin, 9 pp.

RUSSIAN, per, Trudy Akad Nauk SSSR, No 11, 1955, pp 206-211.

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Sci - Physics
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Petrography of Metallurgical and Fuel Slags, by V. V. Lapin, 3 parts.

RUSSIAN, per, Trudy Ak Nauk USSR, No 2, 1956.

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The Materials for the Geochemistry of Selenium, by N. D. Sindeyeva, 12 pp.

RUSSIAN, per, Trudy Ak Nauk SSSR, No 1, 1957, pp 7-12.

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31 pp.

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Granodiorite Intrusion of Gabbro-Peridotite Formation and Connected With It Rare Metal Mineralization (Arctic Ural), by V. F. Morkovkina, 63 pp.

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Vitamin Resources and Their Utilization. Vitamin P- Its Properties and Application (Vitaminnye Resurey i Ikh Issol' Movanie. Vitaming P - ero Svoystva i Nrimenenie, by A. L. Koursanoff.

RUSSIAN, per, Ak Nauk SSSR, Inst Biokhimii im A. N. Bakhs Inst Fiz Bastennii im K. A. Timiriszeva. Izdatel'stvo Ak Nauk SSSR, Moskow, 1959, 280 pp.

*PL-480
OTS 63-11074

Sci -
Aug 63

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Fungus Diseases of Pine in the Island Pine Wood of the Transurals Forest Steppe, by N. T. Kartavenko. 24 pp.
RUSSIAN, per, Trudy Akademii Nauk SSSR. Institut Biologii, Ural'skii Filial, No 15, 1960, pp 107-130.
*CESTI TT 69-53017

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Flora SSSR.

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Leguminosa (Bobovye), Vol XII, ~~320~~ 567 pp, 1946

*PL-480

OTS 63-11161

Sci -
Aug 63

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The Algae of the Arctic Ocean, by
E. S. Zinova.
RUSSIAN, per, Akademiya Nauk SSSR.
Botanicheskii Institut. Trudy. Seriya 2.
Sporovye Rastiniya, No 11, 1956,
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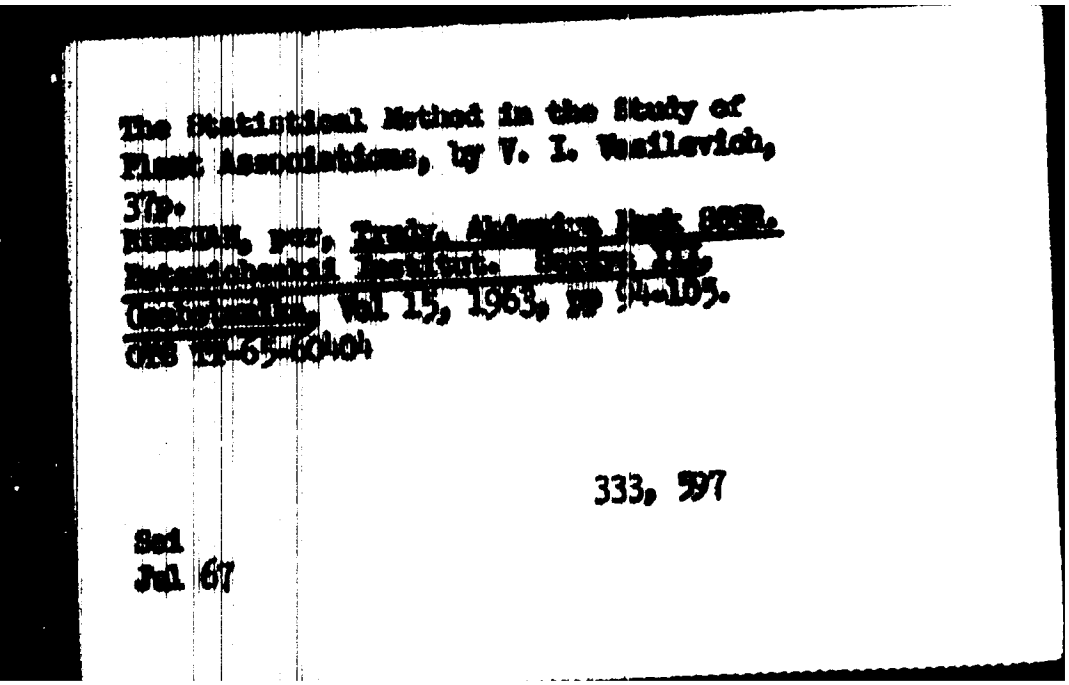

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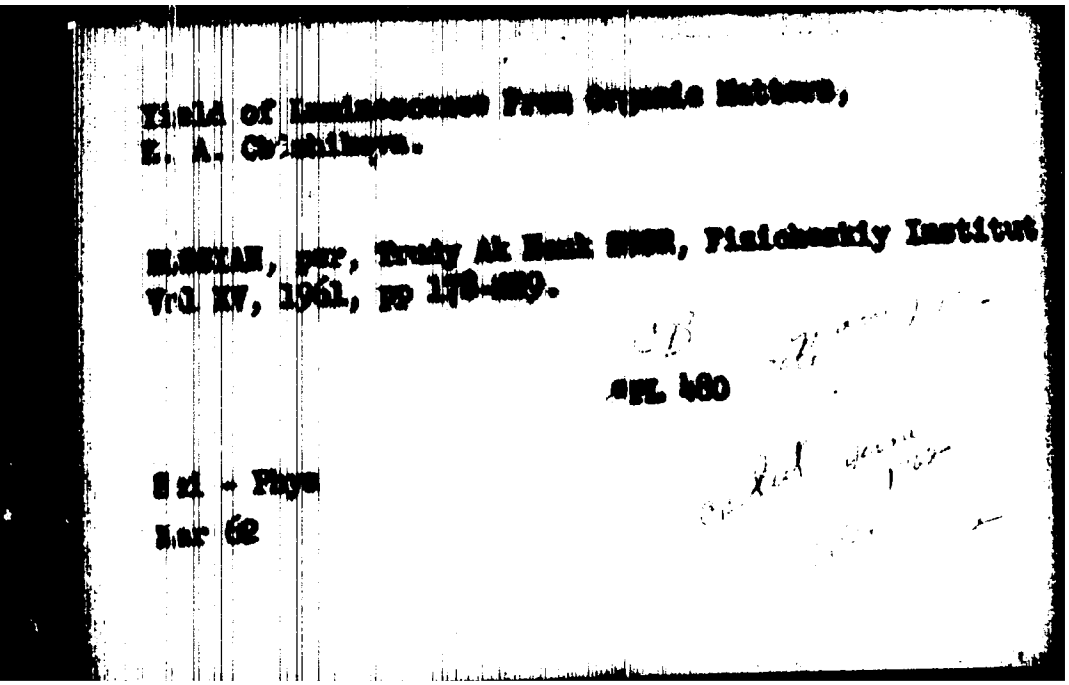

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